



Robert Greene Sterne
Edward J. Kessler
Jorge A. Goldstein
David K.S. Cornwell
Robert W. Esmond
Tracy-Gene G. Durkin
Michele A. Cimbala
Michael B. Ray
Robert E. Sokohl
Eric K. Steffe
Michael Q. Lee
Steven R. Ludwig
John M. Covert
Linda E. Alcorn
Robert C. Millonig
Lawrence B. Bugaisky
Donald J. Featherstone
Michael V. Messinger

Judith U. Kim
Timothy J. Shea, Jr.
Patrick E. Garrett
Jeffery T. Helvey
Heidi L. Kraus
Crystal D. Sayles
Edward W. Yee
Albert L. Ferro
Donald R. Banowitz
Peter A. Jackman
Molly A. McCall
Teresa U. Medler
Jeffrey S. Weaver
Kendrick P. Patterson
Vincent L. Capuano
Albert J. Fasulo II
Eldora Ellison Floyd
W. Russell Swindell

Thomas C. Fiala
Brian J. Del Buono
Virgil Lee Beaston
Reginald D. Lucas
Kimberly N. Reddick
Theodore A. Wood
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Christine M. Lhulier
Rae Lynn Prengaman
Jane Shershenovich
Lawrence J. Carroll

Senior Counsel
Samuel L. Fox
Kenneth C. Bass III

Registered Patent Agents
Karen R. Markowicz
Andrea J. Kamage
Nancy J. Leith
Joseph M. Conrad III
Ann E. Summerfield
Helene C. Carlson
Gaby L. Longworth
Matthew J. Dowd
Aaron L. Schwartz
Angelique G. Uy
Boris A. Matvenko
Mary B. Tung

*Admitted only in Maryland
*Admitted only in Virginia
*Admitted only in Texas

March 21, 2002

WRITER'S DIRECT NUMBER:
(202) 789-5522

INTERNET ADDRESS:
CSAYLES@SKGF.COM

Commissioner for Patents
Washington, D.C. 20231

Re: U.S. Utility Patent Application
Appl. No. 09/614,363; Filed: July 12, 2000
For: **Display System Having Floating Point Rasterization and Floating
Point Framebuffering**
Inventors: Airey *et al.*
Our Ref: 15-4-632.51

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Power of Attorney from Assignee;
2. Certificate Under 37 C.F.R. § 3.73(b) with copy of Assignment attached;
3. Power to Inspect and Make Copies; and
4. Two (2) return postcards.

OFFICE OF PETITIONS
MAR 25 2002
RECEIVED

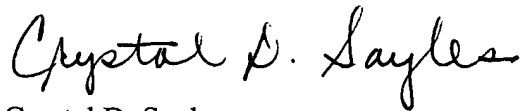
It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents
March 21, 2002
Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Crystal D. Sayles
Attorney for Applicants
Registration No. 44,318

MVM/CDS/tc
Enclosures

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SKGF Rev. 2/15/02 dcw



#7

POWER OF ATTORNEY FROM ASSIGNEE

Silicon Graphics, Inc., a corporation of Delaware, having a principal place of business at 1600 Amphitheatre Parkway, Mountain View, California 94043-1351, is assignee of the entire right, title and interest for the United States of America (as defined in 35 U.S.C. § 100), by reason of an Assignment to the Assignee executed on (1) July 30, 1998, (2) August 3, 1998, (3) March 13, 1989, (4) January 15, 1987, (5) August 5, 1998, (6) July 30, 1998 and (7) August 1, 1998 of an invention known as Display System Having Floating Point Rasterization and Floating Point Framebuffering (Attorney Docket No. 1452.3760001), which is disclosed and claimed in a patent application of the same title by the inventors (1) John M. Airey, (2) Mark S. Peercy, (3) Robert A. Drebin, (4) John Montrym, (5) David L. Dignam, (6) Christopher J. Migdal and (7) Danny D. Loh (said application filed on July 12, 2000 at the U.S. Patent and Trademark Office, having Application Number 09/614,363).

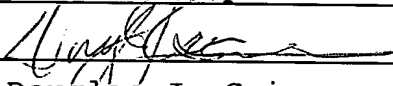
The Assignee hereby appoint the U.S. attorneys associated with **CUSTOMER NUMBER 28393** to prosecute this application and any continuation, divisional, continuation-in-part, or reissue application thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith, such attorneys currently being: Douglas J. Crisman, Reg. No. 39,951 of Silicon Graphics, Inc. and Robert Greene Sterne, Esq., Reg. No. 28,912; Edward J. Kessler, Esq., Reg. No. 25,688; Jorge A. Goldstein, Esq., Reg. No. 29,021; David K.S. Cornwell, Esq., Reg. No. 31,944; Robert W. Esmond, Esq., Reg. No. 32,893; Tracy-Gene G. Durkin, Esq., Reg. No. 32,831; Michele A. Cimbala, Esq., Reg. No. 33,851; Michael B. Ray, Esq., Reg. No. 33,997; Robert E. Sokohl, Esq., Reg. No. 36,013; Eric K. Steffe, Esq., Reg. No. 36,688; Michael Q. Lee, Esq., Reg. No. 35,239; Steven R. Ludwig, Esq., Reg. No. 36,203; John M. Covert, Esq., Reg. No. 38,759; Linda E. Alcorn, Esq., Reg. No. 39,588; Lawrence B. Bugaisky, Esq., Reg. No. 35,086; Donald J. Featherstone, Esq., Reg. No. 33,876; and Robert C. Millonig, Esq., Reg. No. 34,395. The Assignee hereby grants said attorneys the power to insert on this Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

Send correspondence to:

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
1100 New York Avenue, N.W.
Suite 600
Washington, D.C. 20005-3934
U.S.A.

Direct phone calls to 202-371-2600.

RECEIVED**MAR 25 2002****OFFICE OF PETITIONS**

FOR: Silicon Graphics Inc.
SIGNATURE: 
BY: Douglas J. Crisman
TITLE: Director, Intellectual Property
DATE: 3-14-02



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Airey *et al.*

Appl. No. 09/614,363

Filed: July 12, 2000

For: **Display System Having Floating
Point Rasterization and Floating
Point Framebuffering**

Confirmation No.

Art Unit: (to be assigned)

Examiner: (to be assigned)

Atty. Docket: 15-4-632.51

Power to Inspect and Make Copies Under 37 C.F.R. § 1.14

Commissioner for Patents
Washington, D.C. 20231

Sir:

The undersigned attorney of record, by virtue of the Power of Attorney filed at the U.S. Patent and Trademark Office on **March 21, 2002** (copy attached), hereby grants to **DIGIPAT**, its representatives, Terry Kramer, Jackie Brown, Jon James, Victor Telleria, William Rhodes, Moe Johnson and Danielle Cooper of 2001 Jefferson Davis Highway, Suite 1111, Arlington, VA 22202, power to inspect and make copies of the U.S. Patent and Trademark Office records of the above-identified application.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Michael B. Ray
Attorney for Applicants
Registration No. 33,997

Date: 3/21/02

1100 New York Avenue, N.W.
Suite 600
Washington, D.C. 20005-3934
(202) 371-2600

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SKGF Rev.2/13/01 mac

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8

Certificate Under 37 C.F.R. § 3.73(b)

Applicant/Patent Owner: Airey et al.

Application No./Patent No.: 09/614,363 Filed/Issue Date: July 12, 2000

Entitled: Display System Having Floating Point Rasterization and Floating Point Framebuffering

Silicon Graphics, Inc., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest, or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An Assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 9830, Frame 0413, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s) of the patent application/patent identified above to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (*i.e.*, the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

Date: 3-14-02

Name: Douglas J. Crisman

Title: Director, Intellectual Property

Signature: [Signature]

JUNE 05, 1999

WAGNER, MURABITO & HAO
JAMES P. HAO
TWO NORTH MARKET STREET, THIRD FLOOR
SAN JOSE, CA 95113



PTAS



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231



100990611A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/15/1999

REEL/FRAME: 9830/0413
NUMBER OF PAGES: 11

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

AIREY, JOHN M.

DOC DATE: 07/30/1998

ASSIGNOR:

PEERCY, MARK S.

DOC DATE: 08/03/1998

ASSIGNOR:

DREBIN, ROBERT A.

DOC DATE: 03/13/1989

ASSIGNOR:

MONTRYM, JOHN

DOC DATE: 01/15/1987

ASSIGNOR:

DIGNAM, DAVID L.

DOC DATE: 08/05/1998

ASSIGNOR:

MIGDAL, CHRISTOPHER J.

DOC DATE: 07/30/1998

ASSIGNOR:

LOH, DANNY D.

DOC DATE: 08/01/1998

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ADB

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JUN 14 1999

WMH

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Date: 6/15/99

Initials: actn

9830/0413 PAGE 2

ASSIGNEE:

SILICON GRAPHICS, INC.
2011 N. SHORELINE BOULEVARD
MOUNTAIN, CALIFORNIA 94043-1389

SERIAL NUMBER: 09098041

PATENT NUMBER:

FILING DATE: 06/16/1998

ISSUE DATE:

MAURICE CARTER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



03-24-1999

IN THE U



100990611

TRADEMARK OFFICE

Docket No.: SGI 15-4-632.00

I hereby certify that this transmittal of the below described document is being deposited with the United States Postal Service in an envelope bearing First Class Postage and addressed to the U.S. Patent and Trademark Office, Assignment Branch, North Tower Building, Suite 10C35, Washington, D.C., 20231, on the below date of deposit.

Date of Deposit:	03/08/99	Name of Person Making the Deposit:	Andrea D. Hussey	Signature of the Person Making the Deposit:	<i>Andrea D. Hussey</i>
------------------	----------	------------------------------------	------------------	---	-------------------------

The Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Please record the attached original document(s) or copy(ies) thereof:

Transmittal of an Assignment

1. Name of conveying party(ies): John M. Airey, Mark S. Peercy, Robert A. Drebin, John Montrym, David L. Dignam, Christopher J. Migdal and Danny D. Loh
Serial No.: 09/098,041
Filed: 06/16/98
Group Art Unit: 2772
Examiner:

2. Name and Address of Receiving party(ies): SILICON GRAPHICS, INC.
2011 N. Shoreline Boulevard, Mountain View, CA 94043-1389

3. Nature of Conveyance: Assignment
Execution Date: 7/30/98, 8/3/98, 3/13/89, 1/15/87, 8/5/98, 7/30/98 and 8/1/98

4. New Patent Application entitled: DISPLAY SYSTEM HAVING FLOATING POINT RASTERIZATION AND FLOATING POINT FRAMEBUFFERING

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: James P. Hao
Address: Wagner, Murabito & Hao
Two North Market Street, Third Floor, San Jose, CA 95113
Phone: (408) 938-9060

6. Total Number of applications and patents involved: ONE

7. Fee Calculation (for other than a small entity)

Assignment Recordation Fee, per property

1 X \$40.00

Total Fees (37 CFR 3.41)

x The amount of \$ 40.00 is enclosed

\$40.00

8. At any time during the pendency of this application, please charge any additional fees required or credit any overpayments to Deposit Account 23-0085. A duplicate copy of this transmittal is enclosed.

9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true and correct copy of the original document.

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MAR 25 2002

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03/23/1999 JSHABAZZ 00000104 09098041

01 FC:581

40.00 OP

Date: March 8, 1999

Name James P. Hao

Reg. No. 36,398

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MAR 25 2002

OFFICE



Docket No.: SGI 16-4-632.00

Assignment to Silicon Graphics, Inc.

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we

John M. Airey

do hereby sell, assign and transfer unto Silicon Graphics, Inc. (hereinafter called Silicon Graphics), a Delaware Corporation having its principal place of business at 2011 North Shoreline Boulevard, Mountain View, California 94043-1389, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

DISPLAY SYSTEM HAVING FLOATING POINT RASTERIZATION AND FLOATING POINT FRAMEBUFFERING

..... filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; or

☒ Serial No.: 09/098,041 filed on 6/16/98 and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore;

Further, I/we have agreed to assign to Silicon Graphics all inventions (except as otherwise limited by law) which relate to Silicon Graphics business and which were first conceived or actually reduced to practice during my/our employment by Silicon Graphics;

And for the above consideration, I/we agree promptly upon request of Silicon Graphics, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Silicon Graphics, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Silicon Graphics;

I/we further covenant with Silicon Graphics, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereunto set my/our hand(s) and seal.

Inventor's Signature: John M. Airey Date: 11/30/1998

Inventor's Signature: _____ Date: _____

Inventor's Signature: _____ Date: _____

Inventor's Signature: _____ Date: _____

Inventor's Signature: _____ Date: _____

Inventor's Signature: _____ Date: _____

Inventor's Signature: _____ Date: _____

Inventor's Signature: _____ Date: _____

RECEIVED

MAR 25 2002

OFFICE OF PETITIONS

Assignment to Silicon Graphics, Inc.

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we

Christopher J. Migdal

do hereby sell, assign and transfer unto Silicon Graphics, Inc. (hereinafter called Silicon Graphics), a Delaware Corporation having its principal place of business at 2011 North Shoreline Boulevard, Mountain View, California 94043-1389, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

DISPLAY SYSTEM HAVING FLOATING POINT RASTERIZATION AND FLOATING POINT FRAMEBUFFERING

..... filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; or

X Serial No.: 09/098,041 filed on 6/16/98 and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore;

Further, I/we have agreed to assign to Silicon Graphics all inventions (except as otherwise limited by law) which relate to Silicon Graphics business and which were first conceived or actually reduced to practice during my/our employment by Silicon Graphics;

And for the above consideration, I/we agree promptly upon request of Silicon Graphics, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Silicon Graphics, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Silicon Graphics;

I/we further covenant with Silicon Graphics, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereunto set my/our hand(s) and seal.

Inventor's Signature: <u>Christopher J. Migdal</u>	Date: <u>July 30, 1998</u>
Inventor's Signature: _____	Date: _____
Inventor's Signature: _____	Date: _____
Inventor's Signature: _____	Date: _____
Inventor's Signature: _____	Date: _____
Inventor's Signature: _____	Date: _____
Inventor's Signature: _____	Date: _____
Inventor's Signature: _____	Date: _____

Assignment to Silicon Graphics, Inc.

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we

Danny D. Loh

do hereby sell, assign and transfer unto Silicon Graphics, Inc. (hereinafter called Silicon Graphics), a Delaware Corporation having its principal place of business at 2011 North Shoreline Boulevard, Mountain View, California 94043-1389, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

DISPLAY SYSTEM HAVING FLOATING POINT RASTERIZATION AND FLOATING POINT FRAMEBUFFERING

..... filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; or

X Serial No.: 09/098,041 filed on 6/16/98 and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore;

Further, I/we have agreed to assign to Silicon Graphics all inventions (except as otherwise limited by law) which relate to Silicon Graphics business and which were first conceived or actually reduced to practice during my/our employment by Silicon Graphics;

And for the above consideration, I/we agree promptly upon request of Silicon Graphics, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Silicon Graphics, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Silicon Graphics;

I/we further covenant with Silicon Graphics, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereunto set my/our hand(s) and seal.

Inventor's Signature: Danny D. Loh Date: 8/1/98

Inventor's Signature: _____ Date: _____

Inventor's Signature: _____ Date: _____

Inventor's Signature: _____ Date: _____

Inventor's Signature: _____ Date: _____

Inventor's Signature: _____ Date: _____

Inventor's Signature: _____ Date: _____

Inventor's Signature: _____ Date: _____

Assignment to Silicon Graphics, Inc.

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we

Mark S. Percy

do hereby sell, assign and transfer unto Silicon Graphics, Inc. (hereinafter called Silicon Graphics), a Delaware Corporation having its principal place of business at 2011 North Shoreline Boulevard, Mountain View, California 94043-1389, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

DISPLAY SYSTEM HAVING FLOATING POINT RASTERIZATION AND FLOATING POINT FRAMEBUFFERING

..... filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; or

X Serial No.: 09/098,041 filed on 6/16/98 and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore;

Further, I/we have agreed to assign to Silicon Graphics all inventions (except as otherwise limited by law) which relate to Silicon Graphics business and which were first conceived or actually reduced to practice during my/our employment by Silicon Graphics;

And for the above consideration, I/we agree promptly upon request of Silicon Graphics, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Silicon Graphics, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Silicon Graphics;

I/we further covenant with Silicon Graphics, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereunto set my/our hand(s) and seal.

Inventor's Signature: <u>Mark S. Percy</u>	Date: <u>8/3/98</u>
Inventor's Signature:	Date:
Inventor's Signature:	Date:
Inventor's Signature:	Date:
Inventor's Signature:	Date:
Inventor's Signature:	Date:
Inventor's Signature:	Date:
Inventor's Signature:	Date:

Assignment to Silicon Graphics, Inc.

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we

David L. Dignam

do hereby sell, assign and transfer unto Silicon Graphics, Inc. (hereinafter called Silicon Graphics), a Delaware Corporation having its principal place of business at 2011 North Shoreline Boulevard, Mountain View, California 94043-1389, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

DISPLAY SYSTEM HAVING FLOATING POINT RASTERIZATION AND FLOATING POINT FRAMEBUFFERING

..... filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; or


☒ Serial No.: 09/098,041 filed on 6/16/98 and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore;

Further, I/we have agreed to assign to Silicon Graphics all inventions (except as otherwise limited by law) which relate to Silicon Graphics business and which were first conceived or actually reduced to practice during my/our employment by Silicon Graphics;

And for the above consideration, I/we agree promptly upon request of Silicon Graphics, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Silicon Graphics, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Silicon Graphics;

I/we further covenant with Silicon Graphics, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereunto set my/our hand(s) and seal.

Inventor's Signature: <u></u>	Date: <u>8/5/98</u>
Inventor's Signature:	Date:
Inventor's Signature:	Date:
Inventor's Signature:	Date:
Inventor's Signature:	Date:
Inventor's Signature:	Date:
Inventor's Signature:	Date:
Inventor's Signature:	Date:



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No.: SGI 15-4-632.00

I hereby certify that this transmittal of the below described document is being deposited with the United States Postal Service in an envelope bearing First Class Postage and addressed to the U.S. Patent and Trademark Office, Assignment Branch, North Tower Building, Suite 10C35, Washington, D.C., 20231, on the below date of deposit.			
Date of Deposit:	03/08/99	Name of Person Making the Deposit:	Andrea D. Hussey
		Signature of the Person Making the Deposit:	<i>Andrea D. Hussey</i>

The Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Please record the attached original document(s) or copy(ies) thereof:

Transmittal of an Assignment

1. Name of conveying party(ies): John M. Airey, Mark S. Peercy, Robert A. Drebin, John Montrym,
David L. Dignam, Christopher J. Migdal and Danny D. Loh
Serial No.: 09/098,041
Filed: 06/16/98
Group Art Unit: 2772
Examiner:
2. Name and Address of Receiving party(ies): SILICON GRAPHICS, INC.
2011 N. Shoreline Boulevard, Mountain View, CA 94043-1389
3. Nature of Conveyance: Assignment
Execution Date: 7/30/98, 8/3/98, 3/13/89, 1/15/87, 8/5/98, 7/30/98 and 8/1/98
4. New Patent Application entitled: DISPLAY SYSTEM HAVING FLOATING POINT RASTERIZATION
AND FLOATING POINT FRAMEBUFFERING
5. Name and address of party to whom correspondence concerning document should be mailed:
Name: James P. Hao
Address: Wagner, Murabito & Hao
Two North Market Street, Third Floor, San Jose, CA 95113
Phone: (408) 938-9060
6. Total Number of applications and patents involved: ONE
7. Fee Calculation (for other than a small entity)
Assignment Recordation Fee, per property 1 X \$40.00
Total Fees (37 CFR 3.41) \$40.00
X The amount of \$ 40.00 is enclosed
8. At any time during the pendency of this application, please charge any additional fees required or credit any overpayments to Deposit Account 23-0085. A duplicate copy of this transmittal is enclosed.
9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Name James P. Hao
Reg. No. 36,398

Date: March 8, 1999

CONFIDENTIAL INFORMATION AND PROPRIETARY DEVELOPMENTS

Name: Robert Drebin
(Type or Print)

- A. I am a paid employee of Silicon Graphics, Inc. ("SGI").
- B. This Agreement concerns trade secrets, confidential information, and knowledge not generally known to the public, that I acquire or develop in connection with my employment by SGI. As to these, I agree:
1. to use them only in the performance of my duties for SGI; and
 2. to forever hold them in confidence and trust; and
 3. to use all reasonable precautions to assure that they are not used or disclosed to unauthorized persons or in an unauthorized manner, at any time during my employment with SGI as well as thereafter.
- C. This Agreement also concerns inventions, improvements, data, processes, computer programs and discoveries (hereinafter called "Proprietary Developments") that are conceived or made by me (alone or with others) while I am (or while they are) employed by SGI, and which relate to the research and/or development of the business of SGI or which result from tasks assigned to me or those others by SGI; and that do not qualify fully under the provisions of California Labor Code Section 2870.* Such Proprietary Developments are the sole property of SGI, and I agree:
1. to disclose them in writing promptly to SGI;
 2. to assign them to SGI; and
 3. to execute all documents and do all things necessary to assist SGI in obtaining patent, copyright and/or trade secret protection in all countries, SGI to pay the expenses.
- D. I further agree that in my work for SGI I will not use any trade secrets, confidential information or knowledge not generally known which belongs to any person other than SGI; and I have listed on the back of this sheet all inventions, improvements, data, processes, computer programs and discoveries that have been conceived or made by me alone or with others prior to my employment by SGI.
- E. Upon termination of employment, I will not take with me any documents or materials of any nature relating to the Proprietary Developments or Trade Secrets described in paragraphs B and C above.
- F. The above provisions shall be separately construed. If any of them is held to be unenforceable, the remaining provisions shall not be affected.

Witness:

GO

Robert Drebin
Signature

3/13/89
Date

* Section 2870. Employment agreements; assignments of rights.
Any provision in an employment which provides that an employee shall assign any of his or her rights in an invention to his or her employer shall not apply to an invention for which no equipment, supplies, facility, or trade secret information of the employer was used and which was developed entirely on the employee's own time and (a) which does not relate (1) to the business of the employer or (2) to the employer's actual or demonstrably anticipated research or development, or (b) which does not result from any work performed by the employee for the employer. Any provision which purports to apply to such an invention is to that extent against the public policy of this state and is to that extent void and unenforceable.

CONFIDENTIAL INFORMATION AND PROPRIETARY DEVELOPMENTS

Name: JOHN MONTIRYM
(Type or Print)

- A. I am a paid employee of Silicon Graphics, Inc. ("SGI").
- B. This Agreement concerns trade secrets, confidential information, and knowledge not generally known to the public, that I acquire or develop in connection with my employment by SGI. As to these, I agree:
1. to use them only in the performance of my duties for SGI; and
 2. to forever hold them in confidence and trust; and
 3. to use all reasonable precautions to assure that they are not used or disclosed to unauthorized persons or in an unauthorized manner, at any time during my employment with SGI as well as thereafter.
- C. This Agreement also concerns inventions, improvements, data, processes, computer programs and discoveries (hereinafter called "Proprietary Developments") that are conceived or made by me (alone or with others) while I am (or while they are) employed by SGI, and which relate to the research and/or development of the business of SGI or which result from tasks assigned to me or those others by SGI; and that do not qualify fully under the provisions of California Labor Code Section 2870.* Such Proprietary Developments are the sole property of SGI, and I agree:
1. to disclose them in writing promptly to SGI;
 2. to assign them to SGI; and
 3. to execute all documents and do all things necessary to assist SGI in obtaining patent, copyright and/or trade secret protection in all countries, SGI to pay the expenses.
- D. I further agree that in my work for SGI I will not use any trade secrets, confidential information or knowledge not generally known which belongs to any person other than SGI; and I have listed on the back of this sheet all inventions, improvements, data, processes, computer programs and discoveries that have been conceived or made by me alone or with others prior to my employment by SGI.
- E. Upon termination of employment, I will not take with me any documents or materials of any nature relating to the Proprietary Developments or Trade Secrets described in paragraphs B and C above.
- F. The above provisions shall be separately construed. If any of them is held to be unenforceable, the remaining provisions shall not be affected.

Witness:

James

John Montirym
Signature

1/5/87
Date

* Section 2870. Employment agreements; assignments of rights.

Any provision in an employment which provides that an employee shall assign any of his or her rights in an invention to his or her employer shall not apply to an invention for which no equipment, supplies, facility, or trade secret information of the employer was used and which was developed entirely on the employee's own time and (a) which does not relate (1) to the business of the employer or (2) to the employer's actual or demonstrably anticipated research or development, or (b) which does not result from any work performed by the employee for the employer. Any provision which purports to apply to such an invention is to that extent against the public policy of this state and is to that extent void and unenforceable.

ATTACHMENT TO EMPLOYMENT AGREEMENT

Name: JOHN MONTLYM
(Type or Print)

I have listed on this sheet all inventions, improvements, data, processes, computer programs and discoveries that have been conceived or made by me alone or with others prior to my employment by SGI. I understand and acknowledge that all inventions, improvements, data, processes, computer programs and discoveries relating to the matters listed on this sheet which are conceived or made by me (alone or with others) while I am (or while they are) employed by SGI, and which relate to the research and/or development of the business of SGI or which result from tasks assigned to me or those others by SGI; and that do not qualify fully under the provisions of California Labor Code Section 2870 (as reproduced on the other side of this sheet) are the sole property of SGI, and thus subject to the provisions of Section "C" of my Employment Agreement with SGI as set forth on the other side of this sheet.

Employment Termination Certification

This is to certify that I, JOHN MONTRYM, do not have in my possession, nor have I failed to return, any devices, records, data, notes, reports, proposals, lists, correspondence, specifications, drawings, blueprints, sketches, materials, equipment, other documents or property, or reproductions of any such items belonging to or prepared by me during the course of my employment by Silicon Graphics Inc., its subsidiaries, successors, or assigns (together, 'SGI'). I acknowledge that I am not authorized to remove any such documents (including copies) or other property from SGI's premises.

I further certify that I have complied with all the terms of the SGI Confidential Information and Inventions Agreement signed by me, including the reporting of any inventions, conceived or made by me (solely or jointly with others) covered by that agreement.

I further agree that, in compliance with the Confidential Information and Inventions Agreement, I will preserve as confidential all trade secrets, confidential knowledge, data or other proprietary information relating to products, processes, know-how, designs, formulas, developmental or experimental work, computer programs, databases, other original works of authorship, employee and customer lists, business plans, financial or organizational information or other subject matter pertaining to any business of SGI or any of its clients, customers, consultants or licensees. I further acknowledge that information regarding SGI employees, including without limitation organizational charts, employee compensation and other benefits offered to employees constitute valuable trade secrets of SGI, and that use of such information in soliciting or recruiting current employees of SGI would constitute a violation of SGI's rights.



Employee Signature

Date